



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/725,944

12/03/2003

Thomas James

37354-211

4469

7590

10/14/2005

Honeywell International Inc
101 Columbia Road
P.O. Box 2245
Morristown, NJ 07962-2245

EXAMINER

NOORI, MAX H

ART UNIT

PAPER NUMBER

2855

DATE MAILED: 10/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

DETAILED ACTION

Claim Objection

1. Claims 9-10, and claims 14-17 are objected to because of the following informalities:

Regarding claims 9-10, on the first line the word “value” apparently should be changed to –valve--.

Claims 14-17 depend on cancelled claim 13.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-7 and 21-23 are rejected under 35 U.S.C. 102(b) as being anticipated by Boyer

Regarding claim 1, Boyer discloses an amplified pressure sensor with features of the claimed invention including a carrier (element 30) having a central aperture (element 96) for receiving fluid from a vessel, a sense die (element 32) mounted on the carrier, the sense die having a first side (lower side) positioned to interact with the fluid received from the vessel, a pressure-sensing circuitry (element 150) formed on a second side (upper side 102) of the sense

Art Unit: 2855

die not exposed to the fluid, and a non-metal covering (element 34) having containment area for accommodation of the die and the circuit, and confine the fluid from entering to the housing.

Regarding claim 2, the carrier prevents the fluid for entering to the containment area.

Regarding claim 3, the crosses sectional area of the aperture is properly matching the sense die surface area.

Regarding claims 4-6, Boyer teaches the use of gel (elements 140 and 142) to form proper bonding.

Regarding claim 7, the hermetically sealed covering is well capable of allowing pressure fluctuation.

Regarding claims 21-23, Boyer shows a ceramic board and conductive paths (see claims 3 or 5).

4. Claims 11-12 and 17-20 are allowed over the prior art of the because of the provision of first and second layers.

Response to Amendment

5. Applicant's amendment and arguments filed 8/29/05 have been fully considered but they are moot in view of the new ground of rejection.

6. Applicant's IDS necessitated the new ground(s) of rejection presented in this Office action. Accordingly, THIS ACTION IS MADE FINAL. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for response to this final action is set to expire THREE MONTHS from the date of this action. In the event a first response is filed within TWO

Art Unit: 2855

MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event will the statutory period for response expire later than SIX MONTHS from the date of this final action.

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.


8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Max H. Noori whose telephone number is (571) 272-2185. The examiner can normally be reached on Tuesday-Friday from 8:00 AM to 6:00 PM.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 272-2800. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306. The central fax number is (703) 827-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MHN

Wednesday, October 12, 2005



MAX NOORI
PRIMARY EXAMINER